

Title (en)

MUTATED ALKALINE CELLULASE

Title (de)

MUTIERTE ALKALISCHE CELLULASE

Title (fr)

CELLULASE ALCALINE AYANT SUBI UNE MUTATION

Publication

EP 1498476 B1 20081015 (EN)

Application

EP 03719212 A 20030425

Priority

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Abstract (en)

[origin: EP1498476A1] The present invention is directed to a mutated alkaline cellulase obtained by deleting, from a cellulase having an amino acid sequence represented by SEQ ID NO: 1 or an amino acid sequence exhibiting at least 90% homology therewith, one or more amino acid residue(s) chosen from the 343rd to 377th positions in SEQ ID NO: 1 or from corresponding positions and inserting a peptide having 2 to 15 amino acid residues into at least one of the deleted positions; and to a gene encoding the mutated alkaline cellulase. <??>The mutated alkaline cellulase has an optimum pH near the pH of the washing liquid (pH: about 10.5) and thus is useful as an enzyme for laundry detergent.

IPC 8 full level

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